

The Determination of the Probable-Damage Line of  
an A -Cu-Mg Wrought Alloy, by F. Bollenrath,  
H. Cornelius

Full translation.

GERMAN, per, Z. Metallk, Vol XXXIV, No 7, Jul 1942,  
pp 150-156.

TPA3/TIB Tr No T-4081

Laminar Corrosion in Aluminium Alloys, by F.  
Bollenrath, W. Bungardt

XXXIV

GERMAN, per, Z. Metallk., Vol 52, No 7, pp 160-165,  
Jul 1952.

TPA3/TIB Tr No T 4044

Scientific - Minerals/Metals  
Ministry of Supply, TPA3/TIB/P & TD, Leydown Road,  
Nottingham, London, S.E.9

1334

The Effect of the Method of Manufacture of Screw  
Threads on the Fatigue Strength of Bolts, by F.  
Bollenrath, H. Cornelius.

GERMAN, Werkst. u. Betr., Vol LXXX, No 9, 1947,  
pp 217-222.

R.A.E. FARNBOROUGH Trans 388

EEur - Germany  
Scientific -  
Economic - Manufacture, bolts, screws

A-907

Index Aeronauticus

Tensile Properties and Weldability of Sheet of High  
Tensile Structural Steel, by H. Cornelius, F. Bollenrath.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XII, 1939.

Brutcher Tr No 835

X-Ray Stress Measurements With Steels Possessing  
Different Carbon Contents and Different Carbon  
Contents and Different Structures, by Franz  
Bollenrath, Viktor Hauk, 14 p.

GERMAN, per, Zeit fur Metallkunde, 1946,  
Vol XXXVII, No 6, pp 161-167.

SLA 59-20598

Sci  
Apr 60  
Vol III, No 2

113, 590

Residual Stresses in Cold Drawn Tube and Bar  
Stock Determined Mechanically as Against by  
X-Ray Diffraction, by F. Bollentrath,  
RUSSIAN, per, Z. Metallk., Vol 55, No 11, 1964,  
pp 655-659.  
\*HB 7366

82  
95

Sci/Pat  
Mar 68

F BOLLENTRATH

24  
About the Soviet Disarmament & Scientific Research  
Working Group in this area. It is  
SIPRI, Stockholm, S. P.  
GERMAN, per Dept. of State for Liaison Research.  
Jan. 1967, pp. 24-27. 90000  
DSC 1100-07

Sci - Rgr  
Nov 64

24,223

Wilt Focins and Antibiotics. 20. Induced Protective Substances in Orchids, by A. Boller, et al.

GERMAN, per, Helvetica Chimica Acta, Vol XL, No 4, 1957, pp 1062-1066.

CSIRO Tr 4378

Sci - Biol

156,532

Jun 61

72  
Determination of the Practical Value of Aluminum  
Bronzes, by C. Boller, 10 pp.  
GERMAN. per. Fette Seifen Anstrich. Vol 56, 1954,  
pp 976-981.  
AEC/RFP/Tr-46-68

*C. Boller*

#E  
Sci/Materials  
Feb 69

374,244

Treatment of Insulin Lipodystrophy, by R. Boller,  
10 pp.

*Vol. 18, No. 52*

GERMAN, per, Klinische Wochenschrift, No. 2(52),  
1930, pp 2433-2435.

**NYH 10-12**

*SLM T. 1319*

Scientific - Medicine  
Nov 56 CTS

*40, 293*

Foot's Tubercle On Alimentary and Parasites Connected With A  
Recent Survey On Algeria, by M. M. Bouchard, V. L. Roussier  
S. M.  
MICHAN, par. Socia Zhar, Vol. 21, No. 12, 1969, pp. 1041-1044.

JUNE 2000

Sci-Med & Med  
Feb 64

200, 204

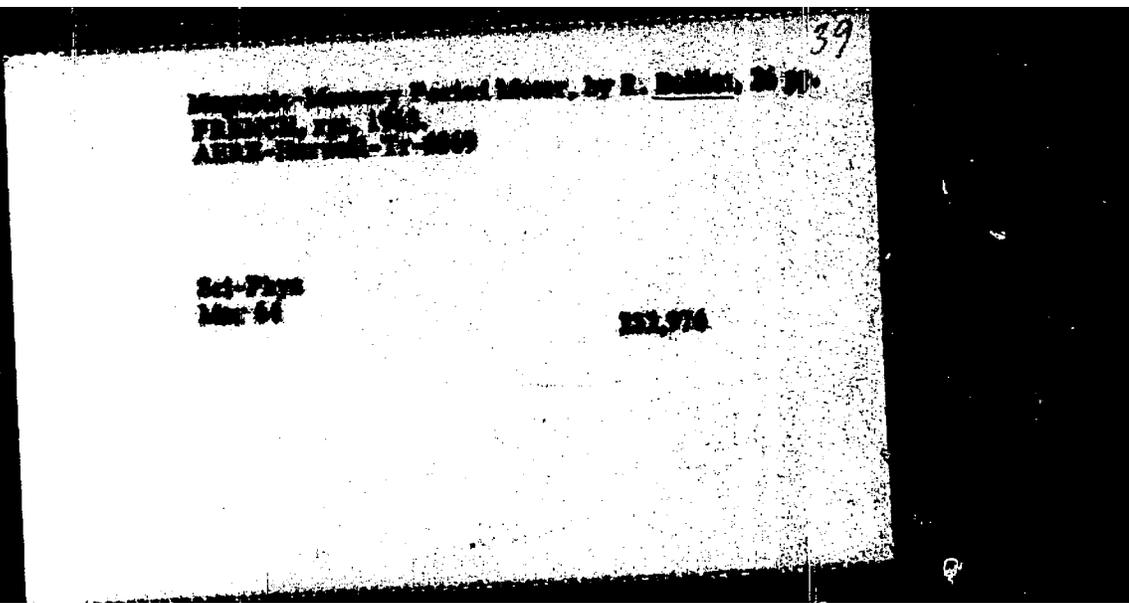
On Maturation of Leaves of V. Bright Tobacco, by  
M. Bolli, 12 pp.

ITALIAN, per, <sup>V</sup>Il Tobacco, Bol LVII, no 653,  
Dec 1953, pp 399-408.

S.L.A. Tr 53

32,744

WEur - Italy  
Scientific - Biology



45  
Syntheses in the Carotenoid Series. Communi-  
cation 19. Physical Properties of Carotenes,  
by U. Schweizer, H. R. Bolliger.  
GERMAN, per, Chimia, Vol 19, May 1965, pp 294-  
302.  
AEC ANL-Trans-575

H. R. Bolliger

Sci-Chem  
Jul 68

357,313

10

Concerning Plans of Soviet Submarine  
by J. Ballantyne, R. D.  
Commander, par. Compendium Helveticum, Vol. XII,  
1944, pp. 12-13. (Sov. No. 11 117 v 10, No. 1, 1944, Eng. Tr.)  
Army Map Service

214  
Copy  
2nd 54

211,000

Automatic Water Determination in Cereal Products Using  
the Carl Fisher Reagent, by W. Seibel, H. Bolling,  
14 p.

GERMAN, per, Getreide und Mehl, 1958, Vol VIII, No 10,  
pp 73-76.

SLA 60-10123

Sci  
Apr 60  
Vol III, No 3

112,148

Protein Determination in Cereal by Application  
of the Boric Acid and Formal Titration, by  
D. W. Seibel, H. Bolling, 14 pp.

GERMAN, per, Getreide und Mehl, Vol VIII,  
No 11, 1958, pp 86-88.

OTS 60-16577

Sci

*187, 772*

3 Mar 62

Vol 4, No

Development of the Processes for the Manufacture  
of Broad and Parallel Flange Joints. Actual  
Problems, by K. Bollmann. G. Kuchenbuch.

GERMAN, per, Stahl und Eisen, Vol LXXX, 27 Oct  
1960, pp 1501-1507.

BISI 2188

Sci - Engr

161,055

Jul 61

Wood Drying With and Without Fans: Heat  
Balance and Economy, by Ludwig Bollmann,  
17 pp.

GERMAN, per, Holz-Zentralblatt, Vol LXXXIII,  
No 125, 1957, pp 1521-1524.

OTS 60-16513

Sci

188,913

30 Mar 62

Convenient Equipment for Exchange Maintenance  
Work, by G. Bollma, 13 pp.

GERMAN, per, Fernmeldetechnik XZ, Vol VI, No 5,  
May 1953, pp 204-207.

SLA Tr 57-1007

Sci - Engineering  
Jan 58

57,436

84  
Gravimetric Measurements in Brittany, by Robert  
Bolle and Jean Goguel,  
FRENCH, ppt, Publications du Bureau des Recherches  
Geologiques et Geophysiques, No 8, 1960, pp 1-37.  
ACIC TC-1018

*Robert Bolle*

Sci-Ear Sci  
Jun 66

303,650

of the Coverage of Planes with Identical Convex  
Polyhedra, by B. Bollobas.  
Matematika, per. Kulialenyamat Kozediskalaj  
Matematikai Lapok, Vol 22, No 5, 1961, pp 1-6.  
\*Avy WFL/DBB 3-957

149

B. Bollobas

~~Matematikai Lapok~~  
Mar 67

Phy

81  
Covering the Plane with Identical Convex  
Polygons, II, by Bela Bollobas,  
HUNGARIAN, per. Kulonlegromat Közepiskolai  
Matematikai Lapok, Vol XII, No 5, 1961,  
pp 1-8.  
Dept of Navy Trans 5319/APL/JHU T-1995

Bella Bollobas

Sci-Math  
May 67

326,176

The Diffusion of Impurities in Germanium  
(Experimental Review), by B. I. Bolmaks, 15 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 2,  
Feb 1956, pp 457-474.

Amer Inst of Phys  
@ Soviet Phys-Tech Phys  
Vol I, No 2

Sci - Physics  
Aug 57

57,901

Bricks, Mortar and Their Use, by A. Holmgren,  
UNCL

HONKWIJIAN, per, Byggnasteren Byggnadotak, Vol III,  
1956, pp 19-24.

DSIR 33650/CT

Sci - Engt  
Mar 59

83,220

48

Synthesis of Cocaine Oxide Through Cocaine  
Supernatant, by L. L. Edinger, V. T. Munnay, J. W.  
KIRKMAN, per. *Journal of the American Chemical Society*,  
Kirkman, No. 6, 1961, pp 134-135. 70233P  
FTB-77-44-394

Sci - Chem  
May 64

237,649

Boloban, P. E. and Davydov, N. I.  
SPECIAL AUTOMATIC CONTROL FEATURES OF  
SINGLE BOILER-SINGLE TURBINE UNITS IN THER-  
MAL ELECTRIC POWER STATIONS. [1961]  
Order from FT \$12.50                      FT-609

Trans. of Teploenergetika (USSR) 1961, v. 8, no. 5,  
p. 25-28.

DESCRIPTORS: \*Power plants, Electric power produc-  
tion, Heat production, \*Boilers, \*Turbines, Control  
systems.

(Engineering--Mechanical, TT, v. 6, no. 10)

61-25418

- I. Boloban, P. E.
- II. Davydov, N. I.
- III. FT-609
- IV. Faraday Translations,  
New York

Office of Technical Services

Electrical Processes During Cavitation, by M. K. Bologa, J. N. Paukow, E. I. Safran. 61

GERMAN, per, Mitteilungen Der Konferenz fur Wasserkraftmaschinen, Sept 1964, pp 1-10.

NSRDC T-339

+NSRDC T-339

*M. K. Bologa*

Sci - Elec

Oct 67

342,320

Study of the Influence of Some Factors on the  
Microhardness of Single Crystals of KCl and NaCl,  
by Yu. S. Boyarskaya, Yu. P. Keloglu, M. K.  
Bologa, S. M. Dunayeva, 8 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 1,  
1960, pp 98-104.

AIP  
Sov-Phys Crystal

Sci

132,594

Nov 60

The Relation of Microhardness to Load for NaCl  
Monocrystals, by Yu. S. Boyarskaya, Yu. P.  
Keloglu, M. K. Bologa, V. V. Madnats, 6 p.

RUSSIAN, per, Kristallografiya, Vol IV, No 4, 1959,  
pp 597-602.

AIP  
Sov Phys-Crystal  
Vol 1M, No 4

Sci

Mar 60

115, 582

33

Diversification in Agricultural Mechanization  
Noted, by N. Bologan, 6 pp.  
ROMANIAN, rpt. Mecanizarea si Electrificarea  
Agriculturii. Bucharest, Oct 1968, pp 15-19.  
JPRS 47076

X  
Sci-Agr  
Jan 69

371,905

*N Bologan*

TRAINING OF AGRICULTURAL MACHINE OPERATORS, BY  
N. BOLOGAN, 10 PP.

RUMANIAN, PER, MECAZIZAREA SI ELECTRIFICAREA  
AGRICULTURII, VOL VII, NO 6, NOV - DEC 1962,  
PP 1-5.

JPRS 17211

EUR - RUMANIA  
ECON .  
JAN 63

220,148

**Diastrophic Relations in Lateral Series of  
Coeval Geologic Structures, by K. V. Bologopov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180, No 6,  
1968, pp 1429-1431.  
AGI**

K.V. Bologopov

Mar 69

375,727

Polyvinyl Chloride, by L. Bologna.

ITALIAN, per, Poliplasti, Vol IV, <sup>No 16</sup> May-Jun 7, 1956,

ASLIB-0839

Sci

Aug 59

94, 199

Observations in the Electron Microscope on the  
Action of Ribonuclease on the Cells of Walker  
Carcinoma, by A. Bolognari, 5 pp, and 6 Atch.

ITALIAN, per, Atti della Societa Peoloritana di  
Scienze Fisiche Matematiche e Naturali,  
Vol VI, No 1, 1960, pp 75-81.

NIH 10-18-61

*179.378*

Sci - Med

Jan 62

The Tunnel Effect in Sulfide Rectifiers, by Yu. M.  
Bolokobinskiy, 3 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXIII,  
No 6, 1957, pp 1239-1242.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol II, No 2

58,170

Sci - Physics  
Feb 1958

On the Phase Transition Theory, by N. N. Bolotynov.  
D. N. Zubarev, Yu. A. Tserkovnikov.

*Handwritten:* Handwritten  
RUSSIAN, Izv, Dok Ak Nauk SSSR, Vol ~~XXXXX~~ CXVII,  
No 5, 1958, pp 788-791.

MIT Lincoln Lab

Sci - Phys

Apr 58

*Handwritten:* 61,495

Determination of the Compression Strength of  
Mortars and Concretes. Determination of the  
Granulation of a Sand With Maximum Density,  
by J. Bolomey.

FRENCH, per, Bulletin Technique de la  
Suisse Romande, pp 209-313.

CSIRO    E

Sci - Engr  
Mar 62

188,516

~~TOP~~

Process and Equipment for the Manufacture  
of Cheese, by G. L. E. Bolomier,  
L. B. Chiltz, 4 pp.

FRENCH, Patent 984,099.

~~XXXXXXXXXX~~-  
SLA 60-16267

Sci  
Mar 62  
Vol IV, No 2

*188,854*

Cathodic Oxymeter, by E. Bolominsky, 5 pp.,  
UNCLASSIFIED

RUSSIAN, per, Radio, No 3, 1952, pp 46-47.

EX ATIC-F-TS-7859-RE

Scientific - Electronics

1317

Operative Procedure for Resection of Intestinal Pseudo Membranes in Chronic Experiments with Dogs, by I. Y. Kurtsin and V. K. Solovinskiy.

46

RUSSIAN, per. Fiziologiya Zhurnal 1964, Vol III, 1964, pp 112-113.      011090606  
ACC 441-44-388

*[Faint handwritten signature]*

001-041  
100 00  
★

313,094

Survival and Productivity of Yeasts During Con-  
tinuous Fermentation of Wood Hydrolyzates, by  
M. Ya. Kalyuzhnyy and G. V. Bolondz', 6 pp.

RUSSIAN, per, Mikrobiolog, Vol XXVIII, No 3,  
1958, pp 427-432.

Amer Inst of Biol Sci

Sci

Feb 60

107,366

*Et. at. c.*  
Reckoning in Literature, by Gyorgy Baloni, 4 pp.

HUNGARIAN, wkly per, Elet es Irodalom, Vol II, No 12,  
Mar/58, p 3

US JPRS/DC-131  
CSO DC-50/8

EEur - Hungary

Pol, Soc

*602, 8/2*

Experimental Tumours Induced in the Steppe Lening  
With 9,10-dimethyl-1,2-benzanthracene, by N. I.  
Bolonina, 3 pp

RUSSIAN, per, Voprosy Onkologii, Vol 7, No 3,  
1959, pp 348-351

Fergamon Press

Sci

Feb 60

109,093

Tumors Induced by Methylcholanthrene in the Steppe  
Lemming. A Transmissible Strain of Lemming Sarcoma  
(IS), by N. I. Bolonina, 3 pp.

RUSSIAN, per, Byul Eksp<sup>er</sup> Biol i Med, Vol XLIX,  
No 2, 1960, pp 99-101.

CB

Sci  
Oct 60

128,555

The Steppe Laming Lagurus lagurus Pall) A new Animal  
Suitable For Experimental Oncology Work, by B. E.  
Rogosyants, N. I. Bolonina, L. V. Ol'chevskaya, 9 pp

RUSSIAN, per, Voprosy Onkologii, Vol V, No 3, 1959,  
pp 281-289

Pergamon Press

Sci

Feb 60

109,328

An Attempt to Detect the Carcinogenic Agent in  
Extracts of Carcinoma of the Human Breast, by  
E. E. Pogoyants, N. I. Bolonina, 4 pp.

RUSSIAN, per, Voprosy Onkologii, Vol IV, No. 4,  
1956, pp 387-391.

Pergamon Press

Sci -

Jan 60

105,790

Evaluating the Quality of Grinding Wheels, by  
E. V. Bolonova, 3 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI, No 8,  
1961, pp 59-63.

PERA

Sci  
22 Jun 62

200,048

Radio Communication With Space Probes, by  
I. Boloshin, V. Kuznetsov. 3 pp.

RUSSIAN, np, Krasnaya Zvezda, 4 Nov 1962.

The Daily Review  
Vol VIII, No 272 (2217)  
Friday, November 16, 1962

Sci - Space Res

Dec 62

The Mechanism of the Vertical Distribution of  $H_2O_2$   
Above a Solution, by I. L. Roykh and I. P. Bolovich,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,  
pp 116-118.

Consultants Bureau

Sci - Chem

22/6/59

89,986

Bolotin, A. A.  
THE NATURE OF LOAD ON THE ENGINE AND THE  
POWER TRANSMISSION OF A TRACTOR  
(O Kharaktere Nagruzki na Dvigatel' i Silovuyu  
Peredachu Traktora) tr. by R. J. Zatorski. [1961]  
[18]p. (foreign text included) 6 refs. [CSIRO] Trans.  
no. 5166.  
Order from OTS or SLA \$1.60 61-28638

Trans. of Traktory i Sei'khovmashiny (USSR) 1959  
[v. 2] no. 11, p. 15-19.

DESCRIPTORS: \*Tractors, \*Tractor engines, Load  
distribution, Transmissions, Transmission gears,  
Automatic transmissions, \*Agricultural machinery.

Experiments with a crawler tractor KD-35 indicated  
that the load on the coupling, sprockets and crank-  
(Agriculture, TT, v. 7, no. 7) (over)

61-28638

- I. Bolotin, A. A.
- II. CSIRO Trans-5166
- III. Commonwealth Scientific  
and Industrial Research  
Organization (Australia)

107275

Office of Technical Services

Theoretical Determination of the Fine Structure  
of Boron-Type Atoms, by I. I. Glembotakiy,  
I. T. Martishius, A. B. Bolotin, 4 pp.

RUSSIAN, per, Trudy Ak Nauk Litovskoy, Ser. B,  
No 2, 1956, pp 15-19.

Amer Meteorol Soc  
AF Cambridge Res Center

Sci - Geophysics  
Jan 61

136,269

Theoretical Determination of the Fine Structure of  
Boron-Type Atoms, by I. I. Glambotskiy, I. T.  
Martishius, A. B. Bolotin, A. P. Yutsis, 4 pp.

RUSSIAN, par, Trudy Ak Nauk Litovskoy SSR, Ser B,  
No 2, 1956, pp 15-19. 9658738

Amer Meteorol Soc  
AF Cambridge Res Center  
T-R-317

Sci - ~~Geophysics~~ Physics  
Mar 61

141,651

The Double-Configurational Approximation in the Case  
of Carbon-like Atoms, by A. B. Bolotin, I. B.  
Levinson, L. I. Levin, 5 pp.

RUSSIAN, no per, Zhur Ekspier i Teoret Fiz,  
Vol XXIX, No 4, Oct 1955, pp 449-453.

Amer Inst of Physics  
Soviet Physics, Vol II, No 3

Sci - Physics  
Feb 57 CTS

43,768

AC5

E57

no.

34

Bolotin, A            I  
Ways to increase the effectiveness of the  
principle of least squares in overcoming  
systematic errors. Washington, Scripta  
Technica, Inc. 1962.

5 l. 28 cm. (English translations of  
foreign literature. No. 34)

1. Least squares. 2. Errors, Theory of  
(Series)

DI

114  
Angular integration of Feynman Diagrams in the  
Field-theoretic Perturbation Theory of Atoms,  
by A. B. Bolotin and I. B. Levinson, et al,  
RUSSIAN, per, Litovskii Fizicheskiy Sbornik,  
Vol IV, No 1, 1964, pp 24-31. 5780335  
AFCL T-R-543

*A. B. Bolotin*

Sci-Nucl Sci  
Jun 66

302,743

129  
Fine Structure of Terms in Atomic  
Species of Carbon and Nitrogen Type in  
the Configurations  $1s^2 2s^2 p^3$  and  $1s^2 2s^2 2p^3$ ,  
by V. K. Shugurov, A. B. Bolotin, 8 pp.  
RUSSIAN, per, Vladimir Valetybinic  
Univ Mosk Darbal, Mosc Fiz, Vol VIII,  
no 6, 1956, pp 41-47. FID0047267  
AFCL Y-R-617

A. B. Bolotin

Sci - Nucl Sci  
Mar 67

320,535

Two-Configuration Approximation for  
Atomic Species of Oxygen Type,  
by A. B. Balotin, I. I. Shironos, et al.  
8 pp.

118

RUSSIAN, per, Vilnina Vlastovina  
Universiteto Mskala Partal. 33 (Matematika  
Pizika 9) 1960, pp 107-112. P00050501  
APCHL T-R-624

*A. B. Balotin*

Sci-Phys  
Jahn 67

327,262

Application of Multiconfigurational Approximation in  
Determining the Force of Dipoles in the Beryllium and  
Boron-Type Atoms, by A. B. Bolotin, A. P. Yutsis.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXIV, No 5,  
1953, pp 537-544.

PL-480  
OTS 61-11437  
(\$4.75)

Sci - Phys

235, 259

EMJJun 63

Ways to Increase the Effectiveness of the Principle  
of Least Squares in Overcoming Systematic Errors,  
by A. L. Bolotin.

RUSSIAN, par, Iz Vysshikh Ucheb Zaved, Geodez i  
Aerofotos, No 4, 1961, pp 39-42.

ERIL, Ft Belvoir T-1683

Sci - Engr, Geophys  
Jan 63

220,73

28

Increasing the Reliability and Longevity of  
Machines and Instruments Made by Enterprises  
of the Severo-Kavkazskiy Sovnarkhoz,  
by V. Belotelov, B. Bolotin, 5 pp.  
RUSSIAN, np, Molot, 26 Apr 1964, p 2.  
JPRS 26208

3

USSR  
Econ  
Sep 64

266,716

(DC-1840)

PUBLIC CONSUMPTION FUNDS IN UZBEKISTAN, BY  
I. SOLOTIN, 20 PP.

RUSSIAN, PIR, NAPOD NIDE UZBEK, NO 6, 1962,  
PP 36-53.

JPRS 15004

USSR  
ECON  
SEP 62

209,412

NOV 61

(DC-4700)

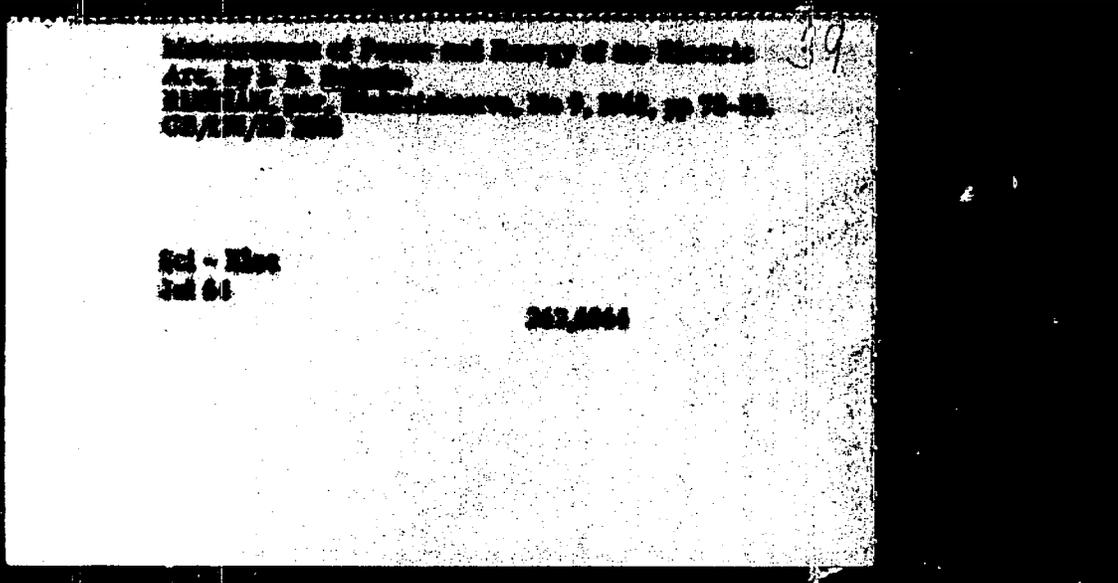
Some Results of Converting 8H To the Shorter  
Workday in Uzbek Industry, by I. Bolotin, 18 pp

RUSSIAN, per, Narod Khoz Uzbek, No 6, 1961,  
pp 32-37.

DTIC 10364

USSR  
Econ  
Nov 61

174,004



Computation and Design of AC Shunts for Testing  
~~General~~ Computation Equipment, by I. B. Bolotin,  
5 pp.

RUSSIAN, per, Izmeritel Tekh, No 3, 1961,  
PP 32-34.

ISA

Sci

Feb 62

184,384

Calculation and Construction of an Accelerating System for a Linear Accelerator With Intensive Focusing, by L. I. Bolotin, V. O. Suprunenko, et al., 7 pp.

UKRAINIAN, per, Ukrayinskiy Fis Zhur, Vol VII, No 2, 1962, pp 132-136. 9667321

FID-TT-62-1329

Sci - Phys  
Jan 63

219,958

Spark Type Source of Multiply Charged Ions, by  
L. I. Bolotin, P. S. Markin, 3 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1961,  
pp 88-90.

ISA

Sci

213,350

Oct 62

Accelerating System Using TE-Modes, by L. I. ~~M~~ Bolotin,  
V. A. Bomko, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 12, 1961,  
pp 1426-1430.

AIP  
Sov Phys - Tech Phys  
Vol VI, No 12

Sci  
Jul 62

205,050

A Heavy-Current Electron Accelerator, by V. T. Toloz,  
L. I. Bolotin, 5 pp.

RUSSIAN, per, Atom Energ, Vol XI, No 1, 1961,  
pp 41-45.

CB

Sci

Jul 62

204,344

(NY-6499)

High Power Pulsed Self-Oscillator, by L. I.  
Bolotin, V. I. Volkov, et al, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO  
Radiotekh, Vol IV, No 6, Nov/Dec 1961, pp  
726-728.

JPRS 13849

Sci  
May 62

197,378

Strong Focusing in a Linear Accelerator, by P. M. Zeidlits, L. I. Bolotin, E. I. Revutskiy, et al, 6 pp.

RUSSIAN, per, Atom Energ, Vol VIII, No 2, 1960, pp 127-133.

CB

Sci

158,500

Jun 61

Interaction of Carbon Ions with Photographic  
Emulsion Nuclei, by L. I. Bolotin, A. P.  
Klyucharev.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,  
No 12, 1960, pp 1502--.

CTT

195,378

The Theory of Particle and Wave Interaction With  
Nonequilibrium Plasma, by I. A. Akhiezer, U. L. Bolotin,  
15 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Vol XLVI,  
No 4, 1964, pp 1331-1334. 9226274  
AEC-ORNL-Tr-161

p 36

Sci-Phys  
Jan 65

272,482

Statistical Methods in Structural Mechanics, by V. Bolotin.

RUSSIAN, momo, 1960.

\*Gordon & Breach

Aug 62

The Use of Electron-Optical Light Amplifiers in Spectroscopic Investigations of a Weakly Luminous Plasma, by V. F. Bolotin, E. K. Zavoykskiy, M. N. Oganov, 10 pp.

RUSSTAN, bk. O Primenenie Elektromoopticheskikh Usilitel'ey Sveta dlya Spektroskopicheskikh Issledovanie Slabosvetyashcheyasya Plazmy, 1960. 9094463

ASC 44-4762

176,796

Sci - Phys  
Dec 61

Use of Light Amplifiers for Spectroscopic  
Investigation of Weakly Luminous Plasmas,  
by V. F. Bolotin, E. K. Zavoiskiy, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXVII, No 7, 1963, pp 986-~~98~~.

CIT

Sci  
Aug 64

264,825

Magnetoacoustic Resonance in a Plasma, by A. F.  
Akhmatov, P. I. Blinov, V. F. Bolotin, et al,  
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,  
Vol XXXIX, No 3 (9), 1960, pp 536-544.

AIP  
Soviet Phys-JETP  
Vol XII, No 3

155, 151

Sci

May 61

Nonconservation Problems of the Theory  
of Elastic Stability, by V. V. Bolotin.

RUSSIAN, bk.

Pergamon Press

NLL (loan)

Jun 64

118  
Analysis of Design Elements Under Dynamic  
Loads (Section IV), by V. V. Bolotin, 71 pp.  
RUSSIAN, bk, Rascheti na Prochnost', Teoreticheskiye  
i Eksperimental'nyye Issledovaniya Prochnosti  
i Mashinostroyeniya s Naimen'shimi Konstruktivnyimi  
Stozhny, No 10, 1954, pp 211-281.  
FTL/MT-64-523

V. V. BOLOTIN

Sci - Phys  
Aug 68

284,384

112  
The Dynamic Stability of Elastic Systems,  
by V. V. Bolotin.  
RUSSIAN, bk, 1964.  
Holden-Day, Ind.

Sci- Phys  
May 66

301,187

147  
Theory of Shells and Plates, by  
V. V. Volotia, et al. 1916 pp.  
Moscow, UR, Teoriya Obolochek i  
Plastin, 1964.

CICFI  
NSA TT F-341  
TI 66-91621

*V. V. Volotia*

Sci/Earth Sci  
Div 66

292,054

91  
Estimating the Durability of Structures Submitted  
to Random Loading, by V. V. Bolotin.  
RUSSIAN, per, 'Rascheti na Prochnost', 1963,  
pp 302-326.  
NII 9622.09 (4289)

✓ V. Bolotin

sci-tech engr  
Jul 68

361,617

135

The Dynamic Thermoelastic Problem of Plates  
and Shells in the Presence of Radiation.

by V. V. Bolotin, 8 pp.

RUSSIAN, per, Tr. Konf. Teor. Plast.

Obolochek, Kazan, 1960, pp 27-32.

F211A09767

ARC 90-T-67-0928

*V. V. Bolotin*

Sci-Physics

Feb 68

347,508

PROGNA DIRECTIONS IN THE DOMAIN OF PLATE AND SHELL DYNAMICS, by V. V. Bolotin, 24 pp.

RUSSIAN, rpt. All-Union Conference on Plate and Shell Theory, Kiev, 1962, pp 16-52.

CIA/PDD X-8153

Sci - Physics  
Jan 63  
GOVT USE ONLY

234,459

Concerning Influence Momentless Tense State  
on Spectra of Natural Oscillations of Thin  
Elastic Shells, by V. V. ~~BOLOVIN~~ Bolotin,  
24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Makh i Mash, No 4, 1962, pp 52-60.  
9668605

FTD-MT-63-22

Sci-Engr  
May 63

230,868

Buckling and Steady Flutter of Heat-Compressed  
Panels in a Supersonic Flow, by V. V. Bolotin.  
RUSSIAN, per, Inzh Zhur, Vol I, No 2, 1961,  
pp 82-96  
NASA TT F-10,106

86

*V. V. Bolotin*

Sci-Phys  
Jul 66

302,150

The Natural Oscillations of a Rectangular Elastic Parallelepiped, by V. V. Bolotin, 8 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXV, No 1, 1961.

Pergamon Press

Sci  
Jul 64

263,537

On the Application of the "Law of Plane Sections"  
to the Determination of the Aerodynamic Forces  
Acting on Oscillating Shells, by V. V. Balotin,  
7 pp.

RUSSIAN, per. AN SSSR. Izvestiya. Mekhanika  
Mashinostroyeniya, No 1, 1961, pp 159-162.

1180031268-1

FTD-BT-66-763

Sci-phys  
May 68

*V. V. Balotin*

356.331

81  
Thermal Buckling of Plates and Curved Shells  
in Supersonic Gas Flow, by V. V. Bolotin,  
40 pp.

RUSSIAN, per, Raketny na Prochnost', Moscow,  
No 6, 1960, pp 190-216.  
JPRS 49331

*V. V. Bolotin*

Sci-Tech, Ind, Civ & Mar Engr  
Dec 69

396,506

The Edge Effect in the Oscillations of Elastic Shells,  
by V. V. Bolotin, 16 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIV, No 5,  
1960, pp 831-843.

PP

Sci

161,138

Jun 61

Calculation of Strength at Random Variable Stresses,  
the Amplitudes of which are Subject to Pearson's  
Distribution, by V. V. Bolotin, 3 PP.

RUSSIAN, per, Vest Mashinostroy, Vol XL, No 11,  
1960, pp 32-35.

PERA

169,875

Sci

Sep 61